

In the claims:

For the Examiner's convenience, all pending claims are presented below with changes shown.

Al 1. (Original) A method of managing power generated within a computer system, the method comprising:

operating the computer system at a first central processing unit (CPU);  
receiving a first signal generated by a thermal sensor within the first CPU; and  
resuming operation of the computer system at a second CPU.

2. (Original) The method of claim 1 further comprising determining a least recently used (LRU) CPU in the computer system upon receiving the signal from the first CPU.

3. (Original) The method of claim 2 wherein the second CPU is the LRU CPU.

4. (Original) The method of claim 2 further comprising:  
receiving a second signal generated by a thermal sensor within the second CPU;  
determining a CPU in the computer system; and  
resuming operation of the computer system at a third CPU.

5. (Original) A computer system comprising:  
a first central processing unit (CPU); and  
a second CPU, wherein the operation of the computer system is transferred from the first CPU to the second CPU upon the first CPU reaching a predetermined power threshold.

A\ 6. (Original) The computer system of claim 5 wherein the first CPU and the second CPU each include a thermal sensor.

7. (Original) The computer system of claim 6 wherein the operation of the computer system is transferred from the first CPU to the second CPU upon the thermal sensor within the first CPU measuring the predetermined power threshold.

8. (Original) The computer system of claim 5 further comprising a cooling system.

9. (Original) The computer system of claim 8 wherein the cooling system comprises:

a heat pipe coupled to the first CPU and the second CPU;

a heat exchanger; and

a cooling fan.

10. (Original) The computer system of claim 1 further comprising a third CPU, wherein the operation of the computer system is transferred from the second CPU to a least recently used (LRU) CPU upon the second CPU reaching a predetermined power threshold.

11. (Original) The computer system of claim 10 wherein the third CPU is the LRU CPU.

12. (Currently Amended) A cooling system comprising:

a heat pipe; and

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a first central processing unit (CPU) coupled to the heat pipe; and  
a second CPU coupled to the heat pipe, wherein the first CPU is active until  
reaching a predetermined power threshold and the second CPU becomes active upon the  
first CPU reaching the predetermined power threshold.

13. (Currently Amended) The cooling system of claim 12 ~~further comprising a~~  
~~second CPU, wherein the second CPU becomes active upon the first CPU reaching the~~  
~~predetermined power threshold wherein the first CPU and the second CPU each include a~~  
thermal sensor.

14. (Currently Amended) The cooling system of claim 12 further comprising:  
~~a second CPU; and~~  
a third CPU, wherein a least recently used (LRU) CPU becomes active upon the  
first CPU reaching the predetermined power threshold.

15. (Original) The cooling system of claim 14 wherein the third CPU is the LRU  
CPU.

16. (Original) The cooling system of claim 12 further comprising:  
a block coupled between the first CPU and the heat pipe;  
heat exchanger; and  
a cooling fan.